

## Tessellation 12 (F)

"Ikadaigaku no Karoushi"

Suite: Tessellation Party!

by Arya Akhavan (October 2012)

Angles for R.I. = 1.760

29 + 8 girdles = 37 facets

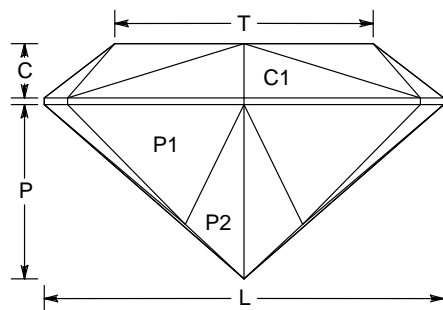
4-fold, mirror-image symmetry

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$L/W = 1.000$   $T/W = 0.647$   $U/W = 0.647$

$P/W = 0.436$   $C/W = 0.136$

$Vol./W^3 = 0.221$



### PAVILION

P1	42.18°	02-22-26-46- 50-70-74-94	Cut to centerpoint.
G1	90.00°	02-22-26-46- 50-70-74-94	Set stone size.
P2	41.18°	01-23-25-47- 49-71-73-95	Meet P1, G1

### CROWN

C1	37.84°	02-22-26-46- 50-70-74-94	Set girdle width.
C2	18.95°	12-36-60-84	Meet G1, C1
T	0.00°	Table	Meet C1, C2

This is (almost) the simplest possible crown that can be cut from the F patterns. It's simple, incredibly fast to cut, and has a decently interesting reflection pattern. This seems like it would be great in earrings as a matched pair. Can be cut in any material from feldspar to rutile (RI = 1.52 - 2.62) with no changes.

Suggested size = 5-8 mm

C:\Program Files (x86)\GemCAD\Designs (Mine)\Works in Progress\Tessellations\Tessellation 12 (F).gem